

## GRADE 10 MATH - FACTORING REVIEW

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

Factor where possible. Write "prime" for any that do not factor.

1.  $3x - 9xy$

2.  $9x^4 - 16y^2$

3.  $5x^2 - 5y^2$

4.  $6x^2 - 13x - 5$

5.  $5 + 6x + x^2$

6.  $9x^2 + 1$

7.  $x^4 - 64$

8.  $-(9x^2 - y^4)$

9.  $10x^2 + 7x + 1$

10.  $x^2 + 4x - 21$

11.  $y^4 + 2y^2 + 9$

12.  $x^2 - 121$

13.  $4y^4 - 16y^2 + 9$

14.  $2y^2 + 24y + 40$

15.  $3x^2 - 27x + 54$

16.  $4x^2 - 28x - 32$

17.  $3x^5 + 15x^3 + 12x$

18.  $3x^2yz^3 + 18xy^2$

19.  $9x^2 + 27x + 8$

20.  $y^2 - y - 6$